

ABSTRACT

A mixture of one or several substances from group A) lubricin, proteoglycan 4 (PRG4) and phospholipid (SAPL); with one or several substances from group B) hyaluronic acid, glycosaminoglycan and derivatives of said substances; dissolved in a solvent, used for the production of an agent for treating defective or degenerated cartilage *in vivo*. Said mixture can also be used to produce natural cartilage replacement *in vitro*.